

Substitute for form 1449/PTO

Application Number

10/589,226

Filing Date

January 27, 2005

First Named Inventor

David A. Knaack

Art Unit

Examiner Name

Attorney Docket Number

189704/US/2

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

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of

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*Examiner Initials	Cite No.	DOCUMENT NUMBER Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US 2001/0020186	09-2001	Boyce et al.	
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		US 4,961,740	10-1990	Ray et al.	
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		US 5,015,247	05-1991	Kuslich	
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		US 6,579,321	06-2003	Gordon et al.	
		US 6,638,310	10-28-2003	Lin et al.	
		US 6,733,504	05-11-2004	Lin et al.	
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		Country Code:	Number - Kind Code (if known)				YES	NO
		WO	1989/09035	10-1989	Brantigan			
		WO	1993/01771	02-1993	Calcitek			

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		Country Code:	Number - Kind Code (if known)				YES	NO
		WO	1997/15246	05-1997	Knothe			
		WO	1997/47258	12-18-1997	Ulrich et al.		<input type="checkbox"/>	<input type="checkbox"/>
		WO	1998/02117	01-1998	Aesculap Ag & Co			
		WO	1998/48738	11-1998	Stryker France S.A.			
		WO	1999/07312	02-1999	Aebi			
		WO	1999/09914	03-1999	Synthes AG Chur			
		WO	1999/21515	05-1999	Univ. of FL Tissue Bank			
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		WO	2000/24327	05-2000	SDGI Holdings, Inc.			
		WO	2000/07527	02-17-2000	Synthes AG Chur		<input type="checkbox"/>	<input type="checkbox"/>
		WO	2000/40177	07-13-2000	Lifenet		<input type="checkbox"/>	<input type="checkbox"/>
		WO	2000/40179	07-2000	SDGI Holdings, Inc.			
		WO	2001/49220	07-12-2001	Osteotech, Inc.			
		WO	2001/66048	09-2001	Alfaro et al.			
		WO	2001/70136	09-27-2001	Synthes AG Chur		<input type="checkbox"/>	<input type="checkbox"/>
		WO	2001/70137	09-27-2001	Synthes AG Chur		<input type="checkbox"/>	<input type="checkbox"/>
		WO	2001/70139	09-27-2001	Synthes AG Chur		<input type="checkbox"/>	<input type="checkbox"/>
		WO	2001/78798	10-25-2001	Regeneration Technologies		<input type="checkbox"/>	<input type="checkbox"/>
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		EP	0 307 241	03-1989	Brantigan			

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				Filing Date	January 27, 2005
				First Named Inventor	David A. Knaack
				Art Unit	
				Examiner Name	
Sheet	11	of	13	Attorney Docket Number	189704/US/2

FOREIGN PATENT DOCUMENTS

*Examiner Initial	Cite No.	FOREIGN PATENT DOCUMENT		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	TRANSLATION	
		Country Code:	Number - Kind Code (if known)				YES	NO
		EP	0 325 566	07-26-1989	Salus S.R.L.		<input type="checkbox"/>	<input type="checkbox"/>
		EP	0 493 698	07-1992	Haerle Anton			
		EP	0 732 093	02-1996	Sofamor			
		EP	0 734 703	10-1996	Danek Medical			
		EP	1 064 890	01-03-2001	Aston Medical Ltd.		<input type="checkbox"/>	<input type="checkbox"/>
		DE	198 15 407	10-07-1999	Profil Verbindungstechnik GmbH & Co		<input type="checkbox"/>	<input type="checkbox"/>
		DE	298 14 174 U	12-16-1999	HowMedica GmbH		<input type="checkbox"/>	<input type="checkbox"/>
		DE	40 12 622 C	07-1991	Eska Medical Lubeck		<input type="checkbox"/>	<input type="checkbox"/>
		DE	43 02 397	07-1993	Asahi Optical Co Ltd		<input type="checkbox"/>	<input type="checkbox"/>
		SU	590872 A	11-1985	RIGA		<input type="checkbox"/>	<input type="checkbox"/>
		SU	1107854	08-1984	KH NII Ortoped Travmatolog			
		AU	744371	11-1998	Stryker France S.A. (English equiv. of WO 98/48738)		<input type="checkbox"/>	<input type="checkbox"/>
		FR	2636227	03-1990	Fabrication Materiel Orthopedi		<input type="checkbox"/>	<input type="checkbox"/>
		FR	2742652	06-1997	Colorado		<input type="checkbox"/>	<input type="checkbox"/>
		FR	2769827	04-1999	SDM Societe Anonyme		<input type="checkbox"/>	<input type="checkbox"/>
		FR	2703580	10-1994	Robert Gilles		<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

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Sheet	12	of	13	Attorney Docket Number	189704/US/2

OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS

*Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	TRANSLATION	
			YES	NO
		Albee, Fred H., "Bone Surgery with Machine Tools," <i>Scientific American</i> , April 1936, pp. 178-181.		
		<i>Allograft Freeze-Dried Release Specifications</i> , Osteotech, Inc., Sept. 30, 1992, 3 pages.		
		Brantigan, J.W., DePuy AcroMed, Lumbar I/F Cage With VSP Spinal System (Surgical Technique) (1999).		
		DePuy AcroMed, Lumbar I/F Cage Implants & Instruments (Product Catalog) (1999).		
		Frymoyer et al., Eds., "The Adult Spine Principles and Practice," <i>Poster Lumbar Interbody Fusion</i> , James W. Simmons, Vol. 2, pp. 1961-1987 (1991).		
		Gerhart et al. "Biomechanical optimization of a model particulate composite for orthopaedic applications," <i>J. Orthop. Res</i> (1986); 4(1): 86-85 [abstract only].		
		Lewandrowski et al., "Improved Osteoinduction of Cortical Bone Allografts: A Study of the Effects of Laser Perforation and Partial Demineralization," <i>J. Ortho Res.</i> 15:748-756 (1997).		
		Ma, G.W.C., Posterior Lumbar Interbody Fusion with Specialized Instruments," <i>Clinical Ortho and Rel. Res.</i> , 193 (March) pp. 57-63 (1985).		
		McCord et al., "Anterior endoscopic thoracolumbar instrumentation and implants," <i>Curr. Ortho</i> 12, pp. 96-103 (1998).		
		MTF Bone Catalog, Fibular Wedges, Femoral Struts, Tibial Struts, published prior to 2000, 1 page.		
		Smith, MD et al. "Load-bearing capacity of corticocancellous bone grafts in the spine" (truncated abstract), Aug. 1993, <i>Journal of Bone & Joint Surgery</i> , 75(8): 1206-13.		
		Sofamar Danek, "Surgical Technique Using Bone Dowel Instrumentation for Anterior Approach" [Publication Date Unknown].		
		Stevenson, S., "Enhancement of Fracture Healing with Autogenous and Allogeneic Bone Grafts," <i>Clin. Ortho, Rel. Res.</i> 355S, pp. S239-S246 (1998).		
		Tan et al., "A modified technique of anterior Lumbar fusion with femoral cortical allograft; <i>J. Orthop. Surg. Tech</i> ; vol. 5, no. 3 91990), pp. 83-93.		
		University of Florida Tissue Bank, Inc., Allograft Catalog [Publication Date Unknown].		

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OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS							
*Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published				TRANSLATION	
						YES	NO
		University of Florida Tissue Transplant Patient Education Series [Publication Data Unknown].					
		VG2 Interbody Bone Grafts, DuPuy AcroMed, 2000, 6 pages.					
		Vich, Jose M. Otero, "Anterior cervical interbody fusion with threaded cylindrical bone," <i>J. Neurosurg.</i> 63:750-753, 1985.					
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